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प्राधिकार से प्रकाशित

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No. 12] NEW DELHI, SATURDAY, MARCH 19, 1994 (PHALGUNA 28, 1915)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 19th March 1994

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Building, 5th, 6th and 7th
Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 19 मार्च 1994

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवधित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टांडी इस्टेट,
तीरंगा तल, लोकर पराने (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा
दीप एवं वादरा और नगर हवेली ।

तार पता—“पेटेंटॉफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीमरा तल,
मगरपालिका बाजार भवन,
सरस्वती मार्ग, करासे बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटॉफिस”

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिस्सिकाय तथा एमिनिविदि द्वीप ।

तार पता—“पेटेंटॉफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का विशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अप्र-
क्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य भनावेश अथवा
ड्राफ्ट आवेदन या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट
अथवा चेक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD
OFFICE AT 234/4, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-20

The dates shown in the crecent branch are the dates claimed
under section 135, of the Patent Act, 1970.

1st February 1994

- 63/Cal/94. Karl Werner An Haack. A device for closing a wound.
64/Cal/94. Siemens Aktiengesellschaft. High-voltage power circuit breaker.
65/Cal/94. Leuna-Werke Ag. Oxidation catalysts.
66/Cal/94. Hoerbiger Ventilwerke Aktiengesellschaft. Plate valve, particularly for compressors.

2nd February 1994

- 67/Cal/94. Ohio Electronic Engravers, Inc. Error Detection apparatus and method for use with engravers.
68/Cal/94. Ohio Electronic Engravers, Inc. Apparatus and method for driving a leadscrew.
69/Cal/94. Louis Beaulieu. Lighting device for a Bicycle. (Convention No. 2,079,054; dated 08-02-93; Canada).

3rd February 1994

70/Cal/94. The Babcock & Wilcox Company. Ammonia-Limestone scrubbing with by-product for use in agriculture.

71/Cal/94. IBP Company Limited. A process for the preparation of an explosive composition.

APPLICATION FOR THE PATENT FILED AT THE
PATENT OFFICE BRANCH, MUNICIPAL MARKET
BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-
110005.

20th September 1993

1048/Del/93. Council of Scientific & Industrial Research, "A process for the preparation of coumarinoids having liver protective activity from cleome viscosa plant."

1049/Del/93. Uniloc (Singapore) Private Limited, "System for software registration." (Convention date 21st September, 92 and 26th October 92-AU).

21st September 1993

1050/Del/93. Kameshwar Nath Mallik, "A process for the preparation of acetylene."

1051/Del/93. James Hamilton Kyle, "Compositions and methods for waste treatment."

1052/Del/93. Alcatel N. V., "Method of Transmitting timing advance data to a mobile station in a cellular mobile radio network and corresponding mobile station, base station and transmission system."

22nd September 1993

1053/Del/93. The Procter & Gamble Company, "Process for reducing the levels of unreacted amino polyol contaminants in polyhydroxy fatty acid amide surfactants."

1054/Del/93. Pharma—Mar, S.A.-Pharmar Pol. Ind. Tres cantos, "New Arenio (E) Indoles, process for their preparation and their application as intermediates in the synthesis of products with anti-tumoral activity."

1055/Del/93. Pfizer Hospital Products Groups, Inc., "A body fluid collection device."

1056/Del/93. Bausch & Lomb Incorporated, "Scanning technique for laser ablation."

1057/Del/93. The Lubrizol Corporation, "Grease compositions."

23rd September 1993

1058/Del/93. De La Rue Giori S.A., "Apparatus for turning flat objects."

1059/Del/93. Henning Morgan Henderson, "A linear link selectively providing for lost motion."

1060/Del/93. Laporte Plc., "Coating compositions." (Convention date 24th September, 92, 19th March, 93 and 19th March, 93.)-U.K.

1061/Del/93. Laporte Plc., "Coated substrates." (Convention date 24th September, 92, 19th March, 93 and 19th March, 93.)-U.K.

1062/Del/93. Voest-Alpine Industrieanlagenbau GMBH and Research Institute of Industrial Science & technology Incorporated Foundation, "Process for producing molten pig iron or molten steel pre-products."

24th September 1993

1063/Del/93. Court Aulds Fibres Limited, "Pipeline." (Convention date 28th September, 1992.)-U.K.

1064/Del/93. Rohm and Haas Company, "Laminating adhesive composition for packaging applications."

1065/Del/93. D. C. Transformation, Inc., "Compact and efficient transformerless power conversion system."

27th September 1993

1066/Del/93. The Procter & Gamble Company, "absorbent article with dynamic elastic leg feature comprising elasticized thigh panels."

1067/Del/93. Lungchiang hu, "An apparatus for facilitating the shaking a wok to toss the food stuff."

1068/Del/93. Bharat Heavy Electricals Ltd. "Miniature size water cooled manual tig welding torch."

1069/Del/93. Bharat Heavy Electricals Limited, "An improved air distributor for fluidised bed."

1070/Del/93. The Whitaker Corporation, "Electrical connector with antirotation feature."

1071/Del/93. Colgate-Palmolive Company, "A process for making hard, translucent, high moisture soap bars."

1072/Del/93. Rohm and Haas Company, "Laminating construction adhesive compositions with improved performance."

1073/Del/93. Motorola Inc., "Circuit assembly Device for programmably controlling placement force and method thereto."

1074/Del/93. Exxon Chemical Patents, Inc., "Cigarette Filter tow and method of manufacture."

28th September 1993

1075/Del/93. Gec Alsthom T & D S.A., "High-voltage circuit-breaker of self-blasting type with low gas compression interrupter chamber."

1076/Del/93. Plascon Technologies (proprietary) Limited, "building component."

1077/Del/93. Evg Entwicklungs-U. Verwertungs-Gesellschaft m.b.H., "building element."

29th September 1993

1078/Del/93. Bharat Heavy Electrical Ltd., "Natural circulation unfired heat recovery steam generator (HRSG) system for coal based sponge iron plant."

1079/Del/93. Bharat Heavy Electricals Ltd, "Split two gas pass superheater design for wider superheater steam temperature control for GT based Co-generation system."

29th September 1993

1080/Del/93. Nuchem Plastics Limited, "A process for the manufacture of ion exchange membranes."

1081/Del/93. Laboratoire Theramex, "Novel compositions based on nomegestrol derivatives and the processes for their production."

1082/Del/93. Eastmankodak Company, "Process for preparing epoxy-terminated polymers."

30th September 1993

1083/Del/93. Council of Scientific and Industrial Research, "A process for the preparation of saponin having improved emulsifying power."

1084/Del/93. Council of Scientific and Industrial Research, "A process for the preparation of saponin having improved emulsifying power."

1085/Del/93. Council of Scientific and Industrial Research, "A process for the preparation of novel hydrophobic macroporous beads for anchoring hydrophobic biomolecules."

1086/Del/93. Council of Scientific and Industrial Research, "An improved process for the preparation of polyol from poly ethylene terephthalate waste."

1087/Del/93. Council of Scientific and Industrial Research, "An improved process for the preparation of ankle block component for artificial foot such as the jaiur foot and an artificial foot made thereby."

1088/Del/93. Council of Scientific and Industrial Research, "An improved process for the preparation of grinding wheels and grinding wheels made thereby."

1089/Del/93. Council of Scientific and Industrial Research, "An improved process for the preparation of a mixture of β -alumina and β -silicon carbide."

1090/Del/93. Council of Scientific and Industrial Research, "An improved process for deliming of skins hides in the manufacture of leather."

1091/Del/93. Council of Scientific and Industrial Research, "A novel process for the preparation of fatty esters using enzyme as catalyst for the manufacture of natural and synthetic fatliquore used in leather processing."

1092/Del/93. Fording Coal Limited, "Coal flotation process."

1093/Del/93. The Lubrizol Corporation, "Pour point depressants for high monounsaturated vegetable oils and for high monounsaturated vegetable oils/biodegradable base and fluid mixtures."

30th September 1993

1094/Del/93. The Lubrizol Corporation, "Environmentally friendly viscosity index improving compositions."

1095/Del/93. Nordeen Corporation, "Tribo-Electric powder spray Gun."

- 1096/Del/93. Council of Scientific and Industrial Research, "An improved process for the purification of tissue type plasminogen Activator (PA) (enzyme) useful as blood clot dissolving agent."

01st October 1993

- 1097/Del/93. The Gillette Company, "Fixed head disposable razor."
 1098/Del/93. Praxair Technology, Inc., "Particle loader."
 1099/Del/93. Motorola Limited, "Sectorized cellular radio base station antenna." (Convention date 3rd October, 92)-U.K.
 1100/Del/93. Council of Scientific & Industrial Research, "A composition useful as a heat resistant explosive for blasting hot holes in fire affected areas."

4th October 1993

- 1101/Del/93. The Procter & Gamble Company, "Porous, absorbent macrostructures of bonded absorbent particles surface crosslinked with cationic aminoepichlorohydrin adducts."
 1102/Del/93. Whirlpool Corporation, "Method for sequentially operating refrigeration system with multiple evaporators."
 1103/Del/93. The Procter & Gamble Company, "Method and Apparatus for making cohesive sheets from particulate absorbent polymeric compositions."
 1104/Del/93. The BF Goodrich Company, "Polymeric composition having improved resistance to flame, low smoke evolution and improved physical properties."
 1105/Del/93. National Power Plc., "Electrochemical energy storage and/or power delivery cell with pH control."
 1106/Del/93. National Power Plc., "Electrochemical apparatus for energy storage and/or power delivery comprising multi-compartment cells."
 1107/Del/93. National Power Plc., "Electrochemical apparatus for power delivery utilizing an air electrode."

5th October 1993

- 1108/Del/93. Motorola Inc., "Portable radio communication device having automatic transfer of control from an internal processor to an external computer."
 1109/Del/93. Motorola Inc., "Differential modulator using concurrent pulse addition and subtraction."
 1110/Del/93. Motorola Inc., "Selective call receiver for selectively storing a portion of a received message."
 1111/Del/93. A. Monforts GMBH & Co., "An apparatus for blowing out a web of textile material."

6th October 1993

- 1112/Del/93. The Procter & Gamble Company, "Liquid or gel dishwashing detergent composition containing polyhydroxy fatty acid amide and certain elements."
 1113/Del/93. The Procter & Gamble Company, "Fluid compositions containing polyhydroxy fatty acid amides." UK 13/10/92.
 1114/Del/93. Richard voss Grubenausbau GMBH., "Pressure-compensated pressure limiting valve."
 1115/Del/93. ICI Canada, Inc., "Shock resistant detonator."
 1116/Del/93. ICI Canada, Inc., "Improved shock tube structures."
 1117/Del/93. Rohm and Haas Company, "Aqueous composition."
 1118/Del/93. Armstrong World Industries, Inc., "Textile fiber-working units and composition for their fiber-working surface layer."

7th October 1993

- 1119/Del/93. General Electric Environmental Services, Inc., "Process for the simultaneous absorption of sulfur oxides and production of ammonium sulfate."
 1120/Del/93. Bal Krishan Gupta and Aditya Gupta, "An improved self closing pin type cylinder valve for L P Gas cylinder."
 1121/Del/93. Motorola Inc., "Computer card data receiver."
 1122/Del/93. Motorola Inc., "Computer card data receiver having a foldable-antenna."
 1123/Del/93. ICI Explosives USA Inc., "Compositions comprising demilitarized energetic materials (DEMEX)."
 1124/Del/93. A. Monforts textilmashinen GmbH & Co., "Nozzle system."
 1125/Del/93. The Gillette Company, "Shaving systems." (Convention date 8th October, 1992)-U.K.

8th October 1993

- 1126/Del/93. Om prakash Gupta, Engineer R & D Hardware, HCL HP Ltd. "Route borne early warning and control system (ROWTCS)."
 1127/Del/93. Agustin Sansand Sanz, "Molded wooden panel for decorative coverings."
 1128/Del/93. Shell internationale Research Maatschappij B. V., "Compositions of fatty acid esters of hexitans."
 1129/Del/93. Michael Hertrampf, "Stopper for a bottle or similar."
 1130/Del/93. Biogal Gyogyszergyar Rt., "Process for the isolation and purification of mevinolin."
 1131/Del/93. Albright & Wilson Limited, "Novel cleaning preparations." (Convention date 12th October, 1992 and 27th November, 1992)-U.K.

11th October 1993

- 1132/Del/93. General Tire, Inc., "Method of simultaneously correcting excessive radial force variations and excessive lateral force variations in a pneumatic tire."
 1133/Del/93. Gec Alsthom T & D SA., "A system for interconnecting the envelopes of two devices, at least one of which is under pressure."
 1134/Del/93. Alliedsignal Europe Services Techniques, "Reduced-bulk brake motor."
 1135/Del/93. Alliedsignal Europe Services Techniques, "Mechanically actuated drum brake."
 1136/Del/93. Alliedsignal Europe Services Techniques, "Mechanically actuated drum brake."

12th October 1993

- 1137/Del/93. Lal Chand Bhasin, "Thermo-Fuse Device for use in Electric irons."
 1138/Del/93. The Procter & Gamble Company, "Process for the manufacture of a liquid detergent composition comprising a sulphiting agent and an enzyme system." (Convention date 28th October, 1992)-U.K.
 1139/Del/93. The Procter & Gamble Company, "Detergent composition with suds suppressing system." (Convention date 23rd October, 1992)-U.K.
 1140/Del/93. Aktiebolaget Astra, "Novel pharmaceutical compositions."
 1141/Del/93. Normand Joseph Morin, "Conveyor Belt scraper." (Convention date 13th October, 1992)-U.K.
 1142/Del/93. Motorola Inc., "Method of delivering paging messages using voice mail."

13th October 1993

- 1143/Del/93. AB SKF, "Method and device in a bearing."
 1144/Del/93. Motorola Israel Limited. "A communications system." (Convention date 17th October, 92)-U.K.
 1145/Del/93. Derek Carr Chorlton, "Bucket elevator conveyors." (Convention date 21st October, 1992)-U.K.

14th October 1993

- 1146/Del/93. Court Aulds Fibres Limited, "Fibre treatment." 21-10-93 U.K.
 1147/Del/93. Health Care Technology Australia Pty. Ltd., "Intravenous delivery system." 15-10-92 A.U.
 1148/Del/93. Motorola Lighting, Inc., "Integrated EMI/RFI filter magnetics."
 1149/Del/93. Motorola Inc., "Radio system." (Convention date 2nd November, 1992)-U.K.
 1150/Del/93. Rajasathan Electronics & Instruments Limited, "A milk analysis system."

15th October 1993

- 1151/Del/93. Sushobhan Kumar Das proprietor of Stoker concast, "Continuous casting machine for copper & copper based alloys."
 1152/Del/93. Krishna Equipment Private Limited, "Five burners cooking range with in-built gas cylinder chamber."
 1153/Del/93. G. K. Saxena, Multi-Mats Mattress for Beds and the Like."
 1154/Del/93. ABB EPT construction Pty. Ltd., "System for discharge of bulk materials from vehicles."
 1155/Del/93. Normand Joseph Morin "Coiled blade assembly for belt scraper." (Convention date 19th October, 92)-U.K.
 1156/Del/93. Sony Corporation, "A recording method for digital information having array pattern and apparatus therefor."
 1157/Del/93. Rohm and Haas Company, "Method of improving pressure-sensitive adhesives."
 1158/Del/93. Richter Gedeon Vegyeszeti Gyar Rt., "Process for intensification of fermentations."

18-10-93

- 1159/Del/93. Triveni Plastics & Partners name (1) Subodh Gupta and Sneh Gupta, "A Novel container in which freezable liquid can be frozen".
 1160/Del/93. Council of Scientific and Industrial Research, "An improved device useful for pollution control in vertical shaft kilns".
 1161/Del/93. Council of Scientific and Industrial Research, "A process for the preparation of 6-chloro-3-vinyl-pyridine".
 1162/Del/93. Council of Scientific and Industrial Research, "A process for the preparation of n-1-Alkyl-2, 5-DI (Trialkyl Silyl) pyrrolidine".
 1163/Del/93. Council of Scientific and Industrial Research, "A process for the preparation of epibatidine".
 1164/Del/93. Council of Scientific and Industrial Research, "A process for the preparation of 2, 5-DI (Trialkyl Silyl) Pyrrolidine -1- Butyl Carbamate".
 1165/Del/93. Council of Scientific and Industrial Research, "A process for the preparation of Nano Dimensional particles of oxides and sulphides of metals".
 1166/Del/93. Council of Scientific and Industrial Research, "A process for the synthesis of a novel substituted 1, 3-Dithiolan -2- Ylidenes".

1167/Del/93. Council of Scientific and Industrial Research, "A process for the synthesis of a novel substituted 1, 3-Dithian -2- Ylidenes".

1168/Del/93. Council of Scientific and Industrial Research, "An improved apparatus useful for ultrapurification of liquids by sub-Boil distillation and a process therefor".

1169/Del/93. Council of Scientific and Industrial Research, "An improved process for the preparation of perfluoro Octanoic acid".

1170/Del/93. Courtaulds coatings (holdings) limited, "An antifouling coating composition." (Convention date 13th October 1988 and 12th May 1989) U.K.

1171/Del/93. Slegten, "Method and device for tubular rotary ball or mill with similar grinding instruments".

1172/Del/93. Greg Hyman, "Toy with randomized sound outputs".

1173/Del/93. The whitaker corporation, "Electrical connector".

1174/Del/93. Albright & Wilson Limited, "Flame-retardant and water-resistant treatment of fabrics". (Convention date 22nd October 1992). U.K.

19-10-93

1175/Del/93. Honda Giken Kogyo Kabushiki Kaisha, "Motorcycle Burglarproof device".

1176/Del/93. Castrol Limited, "Corrosion inhibiting lubricant composition". (Convention date 30th October 1992). U.K.

1177/Del/93. Imperial Chemical Industries Plc., "Hydrocarbons." (Convention date 26th October 1992). U.K.

1178/Del/93. Iron carbide holdings, Ltd., "Method for controlling the conversion of iron-containing reactor feed into iron carbide".

20-10-93

1179/Del/93. Council of Scientific & Industrial Research, "An electrochemical bath useful for the preparation of nickel titanium carbide composites".

1180/Del/93. Motorola Limited, "Atranscoder". (Convention date 28th November 1992). U.K.

1181/Del/93. Henry Chi Chuen Yuen & Danier Saiwan kwon "Universal remote including apparatus using compressed codes for video recorder control".

1182/Del/93. Bhagwat Kundalik Dhonde, "An improved contour marker".

22-10-93

1183/Del/93. Motorola, Inc., "Battery chargings and discharging system and corresponding method".

1184/Del/93. The Procter & Gamble Company, "Detergent compositions inhibiting dye transfer". (Convention date 27th October 1992). U.K.

26-10-93

1185/Del/93. General Electric Company, "Pearlescent lamp".

1186/Del/93. General Electric Company, "Lamp with IR reflecting film and Light-Scattering coating".

1187/Del/93. General Electric Company, "Light-Scattering coating, its preparation and use".

1188/Del/93. BP Chemicals Limited, "Process for the preparation of a ziegler-natta type catalyst".

1189/Del/93. Rohm and Haas Company, "Coating compositions incorporating composite polymer particles".

27-10-93

- 1190/Del/93. K-Tron Technologies, Inc., "Mechanical feeder having a Hemispherical Hopper".
- 1191/Del/93. K-Tron Technologies, Inc., "Roller clutch driven feeder system".
- 1192/Del/93. The Procter & Gamble Company, "Granular detergents with protease enzyme and bleach".
- 1193/Del/93. Reseal International Limited Partnership, "Fluid dispensing unit with metered outflow".
- 1194/Del/93. Investigacion Y Asesoramiento Tecnico, S.A. Invasesta, Bogies for Railway Vehicles with variable gap between wheels".
- 1195/Del/93. Rohm and Haas Company, "Coating Composition".

28-10-93

- 1196/Del/93. Council of Scientific and Industrial Research, "An improved process for producing cellulose sponge using hardened and shaped crystalline inorganic salts".
- 1197/Del/93. Council of Scientific and Industrial Research, "An improved process for the preparation of ethanol".
- 1198/Del/93. Council of Scientific and Industrial Research, and straw products Ltd. "A process for the preparation of calcium cyanamide".
- 1198/Del/93. Council of Scientific and Industrial Research, "An improved process for the preparation of racemic and optically pure 2R-Hydroxy-3S- (2-aminoarythio) -3- (P-alkoxyaryl) propanoic acid alkyl ester".
- 1200/Del/93. Council of Scientific and Industrial Research, "An improved process for the oxidation of olefinic organic compounds".
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29-10-93

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01-11-93

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09-11-93

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10-11-93

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12-11-93

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ALTERATION OF DATE UNDER SECTION-16

Patent No. 173229 (808/M/91) Ante-dated to 17th September 1987.

Patent No. 173230 (873/M/91) Dated 26th April 1990.

Patent No. 173234 (366/M/89) Dated 13th August 1987.

173241

"MODULATOR UNIT FOR CONTROLLING SOLID STATE SWITCHES IN THREEPHASE FREQUENCY CONVERTER AND RECTIFIER/INVERTER BRIDGES".

Application No. 518/Cal/89; filed on 03rd July, 1989.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

A modulator unit for controlling with puls width modulation solid-state switches used in three-phase frequency converter and rectifier/inverter bridges, each of solid state switches having a reverse polarity component connected in inverse-parallel therewith, said unit comprising :

at least a first memory circuit for storing modulation reference signals in a digital form;

at least two D/A converters for converting an output of said memory circuit to an analog signals;

at least two comparators each generating a pattern of modulation pulses by comparing said modulation reference signals to at least two out-of-phase triangular waveform type signals;

an output decoder circuit for producing the modulation pulses for each phase from said pattern of modulation pulses; and

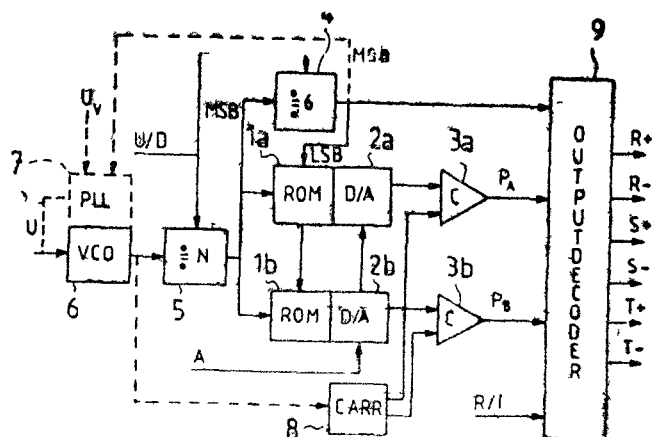
an oscillator for generating said two out-of phase triangular waveform type signals.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अर्जेशन का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में ब्या विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अनुरूप हैं।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कार्यजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।



(Сопрл. Спеца. 13 дядел.

Dress. 5 sheets)

173249

Int. Cl. A 43 B 3/00, 3/06, 3/16, 9/00, 13/00, 23/00.

"SHOES CAPABLE OF ACCOMMODATING AND FITTING DIFFERENT FOOT WIDTHS".

Applicant & Inventor : HENRI E. ROSEN, OF 229
COOLIDGE AVENUE, WATERTOWN, MASSACHUSETTS
02172, United States of America.

Application No 669/Ca/89; filed on 16th August, 1989.

Appropriate office for opposition Proceedings (Rule \ 4, Patent rule 1972) Patent Office, Calcutta.

6 Claims

A shoe capable of accommodating and fitting different foot widths, said shoe comprising :

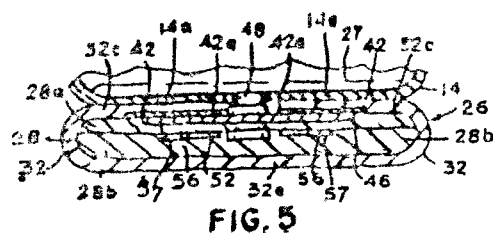
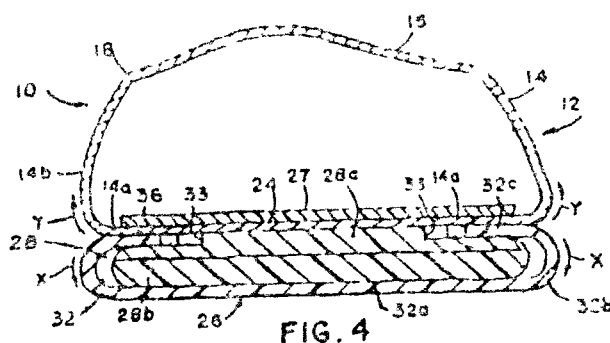
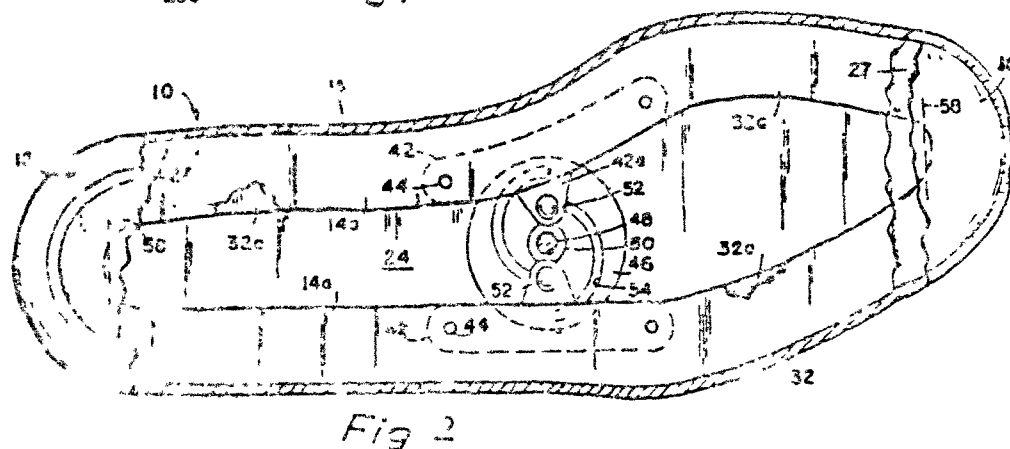
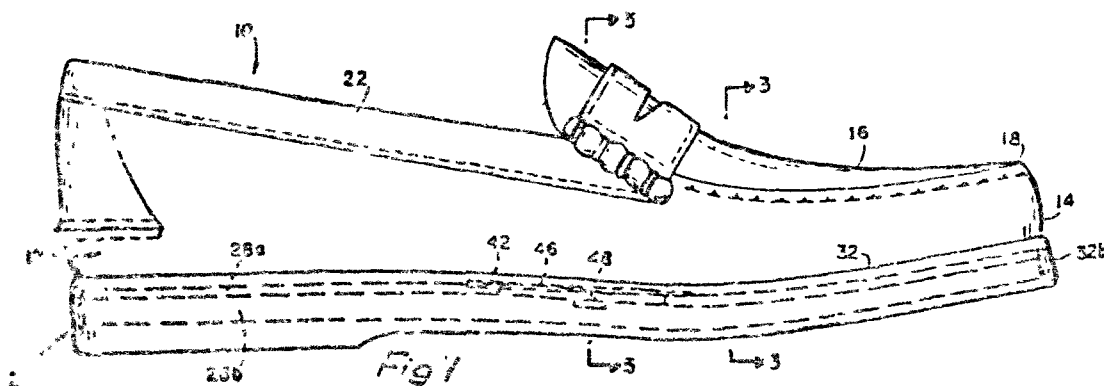
a shoe upper having deformable side members;

a foot support surface extending at least between lower edge margins of said shoe upper side members for supporting a foot inserted in the shoe;

a sole assembly having a heel portion, a toe portion and a midportion between said heel and toe portions and comprising an insole assembly having a platform member and a sole member having two side margins, said sole member covering at least a portion of said insole member;

said shoe upper side member being fixed and non-elastically attached to the respective opposite side margins of the sole member, at least one side member of said sole member being disposed alongside and underneath the platform member so as to permit slidable movement relative to the platform member; and

being laterally deformable at least at the midportion due to the inherent resiliency of the side members to permit vertical movement of the corresponding one of said shoe upper side members relative to said foot support surface so as to allow adjustment of the girth of the shoe to accommodate the girth of a foot supported on said support surface.



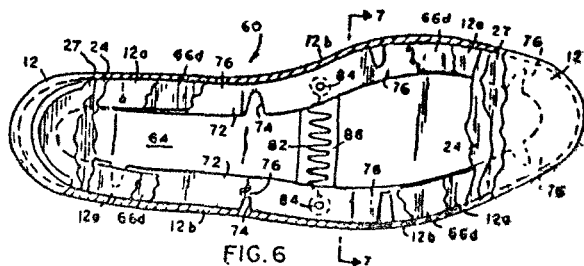


FIG. 6

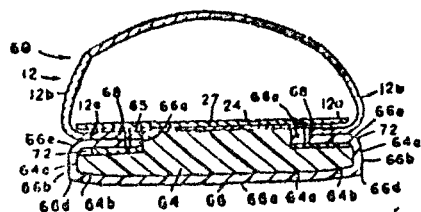


FIG. 8

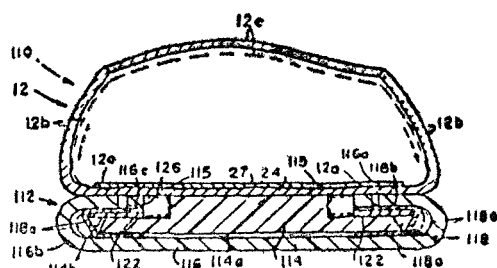


Fig. 10

(Compl. specn 34 pages,

Drgns. 10 sheets)

Cl. 131 B 3,4.

173243

Int. Cl. E 21 B, 1/00

"A DRILLING DEVICE"Applicant : COGEMA. OF 23 RUE PAUL DAUTIER.
78141 VILLIZY VILLACOUBLY, FRANCE.

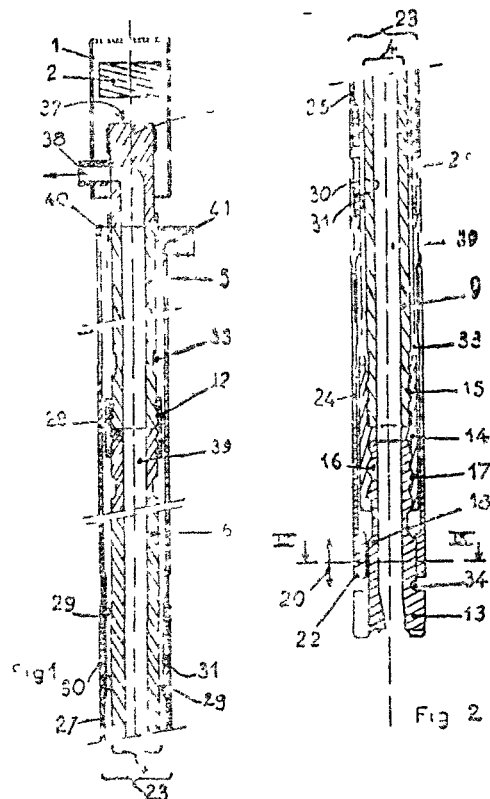
Inventor : GERARD SABTIER.

Application No. 673/Cal/89; filed on 18th August, 1989

Appropriate office for opposition Proceedings (Rule 4,
Patent rule 1972) Patent Office, Calcutta.**7 Claims**

A drilling device for drilling a hole (45), comprising a drilling tube (4), a cutting edge (13) being fitted to the lower extremity of said drilling tube (4), characterised in that the top portion (3) of the drilling tube (4) being adapted to be struck by a piston (2), (47) housed in a hammer (1), (46) causing rotation of the hammer (1), (46), a tubular casing (23) disposed around the tube (4) and separated from the latter by an annular free space (33), the upper part of said tubular casing being connected to an injection head for fluid (40), (41) while the axial tube (4) extends above this

injection head having an opening (38), (48) at this point for the evacuation of drilling debris (43) raised by the circulating fluid.



said second end, a canted intermediate edge portion (48) intermediate said first and second axial edge portions, and said plurality of blades assembled with the minimum clearance between adjacent platforms occurring between said first major portions (44) as compared to said second minor portions (46) and said canted intermediate portions (48)

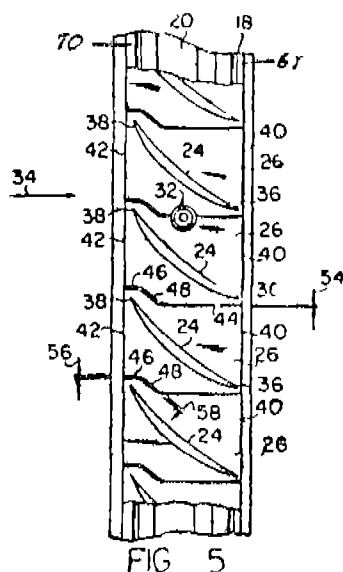


FIG 5

(Comp specn 11 pages)

Diagn 5 sheets)

CI 35-E 3311

173245

Int CI C 04 B 33/00, 35/00, 38/00

"A METHOD FOR MAKING A METAL MATRIX COMPOSITE"

Applicant: LANXIDE TECHNOLOGY COMPANY, LP OF TRAFEE INDUSTRIAL PARK, NEWARK, DELAWARE 19714-6077, United States of America

Inventors: (1) JOHN THOMAS BURKE
(2) MARC STEVENS NEWKIRK.

Application No 803/Cal/89, filed on 29th September, 1989

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta

39 Claims

A method for making a metal matrix composite such as herein described comprising

providing a substantially non-reactive filler such as herein described;

spontaneously infiltrating at least a portion of the filler with molten matrix metal such as herein described to form an infiltrated mass, and

thermoforming said infiltrated mass such as herein described.

(Comp specn 38 pages)

Diagn 2 sheets)

CI 35 L 33 H

173246

Int CI C 04 B 33/00, 35/00, 38/00, 14/00

"METHOD OF FORMING METAL MATRIX COMPOSITE BODIES"

Applicant: LANXIDE TECHNOLOGY COMPANY, LP OF TRAFEE INDUSTRIAL PARK, NEWARK, DELAWARE 19714-6077, United States of America

Inventors: KURT JOSEPH BECKER

Application No 804/Cal/89, filed on 29th September, 1989

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta

42 Claims

A method of making a metal matrix composite body comprising

forming a cavity in a solid matrix metal as herein described,

placing a substantially non-reactive filler as herein described in the cavity,

inducing the filler as herein described to become selfsupporting and to conform substantially to the shape of the cavity,

melting the matrix metal, and

spontaneously infiltrating as herein described at least a portion of the filler with molten matrix metal

(Comp. specn 37 pages)

Diagn One sheet)

CI 35-E 93

173247

Int CI B 22 F 3/12, 3/14, 3/16, C 04 B 35/00, 35/10, 35/44, 35/48, 35/48, 35/52, 35/56, 35/58, 35/60, 35/64, 35/71, 35/76 C 30 B 29/00, 29/16, 29/20, 29/22, 29/36, 29/38

"A PROCESS FOR PRODUCING A COMPOSITE HARD METAL BODY"

Applicant: KRUPP WIDIA GMBH OF MUNCHENER STR 90 D-4300 ESSEN 1, WEST GERMANY.

Inventors: (1) KLAUS DREYER,
(2) HANS KOIASKA

Application No 1047/Cal/89, filed on 19th December, 1989.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta

15 Claims

A process for the production of a composite hard metal body, said process comprising the steps of

(a) preparing a matrix of binder material selected from the group consisting of cobalt, iron, nickel and mixtures thereof,

(b) grinding a first phase of hard material selected from the group consisting of tungsten carbide and carbides and nitrides of an element selected from the Group IVb or Group Vb of the Periodic Table with said matrix, thereby forming a ground mixture of said binder and hard materials,

(c) deagglomerating a monocrystalline reinforcing material second phase in an amount of 2 to 40% by volume and selected from the group which consists of

platelet reinforcing materials selected from the group consisting of borides, carbides, nitrides, carbo-nitrides of the elements of Ti, Zr, Hf, V, Nb, Ta, Cr, Mo, W and SiC and of Si_3N_4 , Si_2N_2O , Al_2O_3 , ZrO_2 , AlN and BN and mixtures thereof, and

- (d) thereafter grading said reinforcing material;
- (e) thereafter mixing said selected and graded reinforcing material with the ground mixture of hard and binder materials forming thereby a composite mixture;
- (f) thereafter drying said composite mixture at a low temperature; and
- (g) thereafter consolidating said dried composite mixture.

(Compl. specn. 17 pages)

(Drgns. Nil)

Cl. 144B.

173248

Int. Cl. B 29 C 63/48, C 23 C 30/00.

"A POWDER COATING COMPOSITION".

Applicant : SOMAR CORPORATION, OF 11-2 GINZA 4-CHOME, CHUO-KU, TOKYO, JAPAN.

Inventors : (1) KAZUYA ONO.
(2) TETSUO MIYAKE.
(3) KATSUJI KITAGAWA.

Application No. 6/Cal/90; filed on 01st January, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 claims

A powder coating composition comprising an epoxy resin, a nitrogen-containing curing agent such as herein described and an inorganic filler consisting essentially of aluminum hydroxide and silica, the weight ratio of the aluminum hydroxide to the silica being 1:4 to 4:1 and said filler being present in an amount of 40—300 parts by weight per 100 parts by weight of said epoxy resin, the amount of the curing agent being such that the ratio of the equivalent of the functional groups thereof to that of the epoxy groups of the epoxy resin is 0.3—2.0.

(Compl. specn. 15 pages.)

(Drgns. Nil)

Cl. 6 B-2

173249

Int. Cl. B 01 D 53/14, 53/34

"IMPROVED PROCESSES FOR THE PURIFICATION OF FLUE GASES".

Applicant : LAB S.A. OF 129 RUE SERVIENT, FR-69003 LYON, FRANCE.

Inventor : JEAN-FRANCOIS VICARD.

Application No. 69/Cal/90; filed on 25th January, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

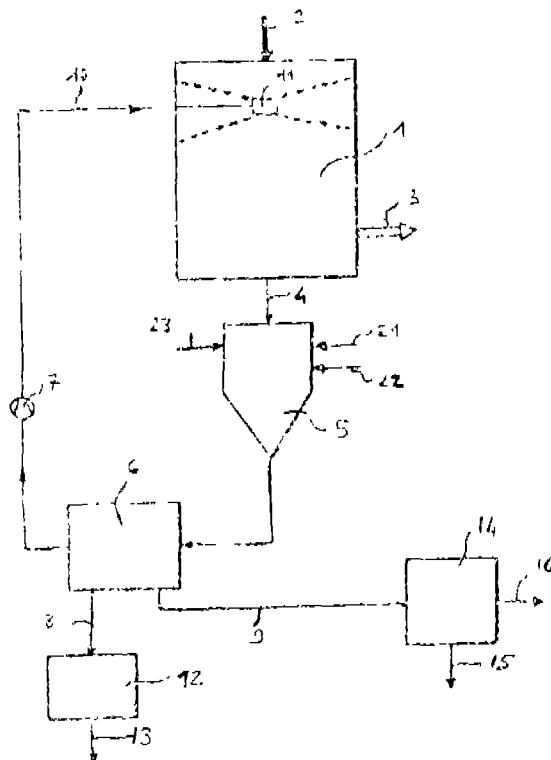
6 Claims

Process for the purification of flue gases from incineration plants from which a quantity of flue dust has been recovered, in which the flue gases containing solid and gaseous pollutants are thereafter purified by wet methods in a scrubber (1), with on one hand a recycling loop (4-5-7-10) of the washing liquid (10) fitted with a tank (5) which can consist of the bottom of the said scrubber (1), and on the other hand a discharge of the pollutants collected, characterized in that :

- (a) an acidifying agent (21) as herein described is added to the washing liquid ;
- (b) the flue dust (23) recovered is introduced into the washing liquid emerging from the scrubber (1);

(c) a neutralizing agent (22), as herein described, is added to the washing liquid in such a quantity that the washing liquid remains acid and;

(d) the washing liquid is passed into an apparatus for separating suspended particles (6), the overflow of which is feeding the scrubber with washing liquid (10) and underflow of which comprises, on the one hand, solid residue (8), and on the other hand, a liquid discharge (9) containing solubilized elements.



(Compl. specn. 6 pages.)

(Drgns. 1 sheet.)

Cl. 32 F 2

173250

Int. Cl. C 07 D 401/14.

"PROCESS FOR THE PREPARATION OF 1β-ETHYLE-1a-(HYDROXYMETHYL)-1, 2, 3, 4, 6, 7, 12, 12ba-OCTA-HYDRO-INDOLO/2, 3-a/ QUINOLIZINE AND NOVEL INTERMEDIATES".

Applicant : RICHTER GEDEON VEGYESZETI GYAR RT, OF 1475 BUDAPEST, GYOMROI ut 19-21, HUNGARY.

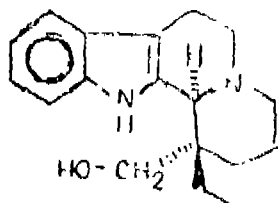
Inventors : (1) DR. JANOS KREIDL CHEM. ENG.
(2) DR. LASZLO CZIBULA CHEM. ENG.
(3) GYORGY VISKY CHEM. ENG.
(4) MARIA FARKAS NEE KRIJAK CHEM. ENG.
(5) DR. KATALIN NOGRADI CHEM. ENG.
(6) IDA DEUTSCH NEE JUHASZ CHEM. MIST.
(7) DR. JUDIT BRILL CHEM.

Application No. 856/Cal/91; filed on 14th November, 1991.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 claims

Process for the preparation of (—)-1 β -ethyl-1 α -(hydroxymethyl)-1, 2, 3, 4, 7, 12 12- ∞ -octahydro-indolo[2, 3-a]quinolizine of the formula (I) of the accompanying drawings characterized by reacting 1-ethyl-2, 3, 4, 6, 7, 12-hexahydro-indolo[2, 3-a]quinolizine of the formula (II) with about an equimolar amount of formaldehyde or with a polymerized form thereof and, after an if desired isolation, the novel meemic 1-ethyl-q-(hydroxymethyl) 1, 2, 3, 4, 6, 7-hexahydro-indolo[2, 3-a]quinolizine of the formula (III) obtained is treated with a resolving agent such as herein described in an amount of between 90 to 99% based on equimolar amounts and the novel 1 β -ethyl-1 α -(hydroxymethyl)-1, 2, 3, 4, 6, 7-hexahydro-12H-indolo[2, 3-a]quinolizine-5-ium salt of the formula (IV) wherein X-represents the residue of an optically active acid, thus obtained is reduced, and if desired, obtaining the free base of the formula (I).



Formula I

(Compl. Specn. 20 pages.

Drgns. 1 sheet)

Cl. 91

173251

Int. Cl. G 05 D 13.62

"APPARATUS FOR CONTROLLING ROTATIONAL SPEED OF PRIME MOVER OF CONSTRUCTION MACHINE".

Applicant: HITACHI CONSTRUCTION MACHINERY CO., LTD. OF 2-6-2 OTEMACHI, CHIYODA-KU, TOKYO 100, JAPAN.

Inventors: AKIRA TATSUMI, TOICHI HIRATA, MASAKI EGASHIRA, OSAMU TOMIKAWA, HIROSHI WATANABE.

Application No. 510/Cal/89; filed on 30th June, 1989

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

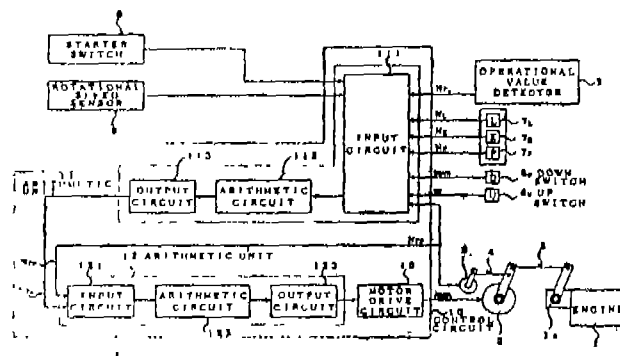
26 Claims

An apparatus for controlling the rotational speed of prime mover of a construction machine having a hydraulic pump driven by the prime mover, an actuator driven by oil discharged from said hydraulic pump and operating means for controlling the operation of said actuator, said apparatus comprising:—

prime mover controller means for controlling the rotational speed of the prime mover;

drive means having command operation means for varying the rotational speed of the prime mover characterized in that said command operation means comprises of up-switching means and down switching means to output an up signal for increasing the rotational speed of the prime mover and to output a down signal for reducing the rotational speed of the prime mover respectively, means to determine a target prime mover speed based upon said output up signal or output down signal such that said target prime mover speed increases when said up-signal is generated and said target prime mover speed decreases when said down signal is

generated, means to generate a drive signal to said drive means whereby the prime mover speed is adjusted to said target speed.



(Compl. Specn. 9 pages.

Drgns. 18 sheets)

Cl. 198 164-C

173252

Int. Cl. C 02 F 1/00, 11/00, C 08 J 11/00, 11/02, 11/10, 11/14, C 10 L 5/40, C 11 B 11/00, 13/00

"A PROCESS FOR THE PRODUCTION OF USEFUL COMPONENTS FROM MIXTURES OF MATERIALS AND, IN PARTICULAR WASTES".

Applicant: THOMAS WIESENGROUD, OF SCHLE-GEI-STRASSE 24, D-8500 NUREMBERG 20, GERMANY.

Inventor: DR. HANS WEBER-ANNELER.

Application No. 617/Cal/89; filed on 31st July, 1989.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A process for the production of useful components such as herein described, from mixtures of materials, and in particular wastes, such as herein described, characterized in that

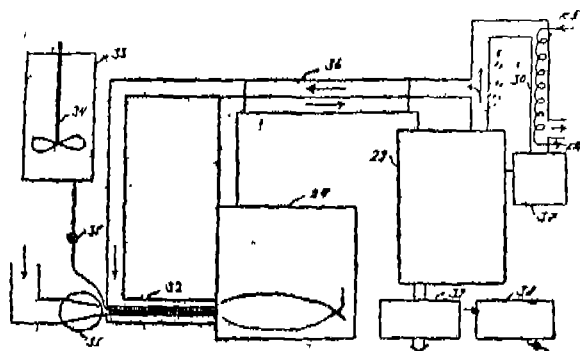
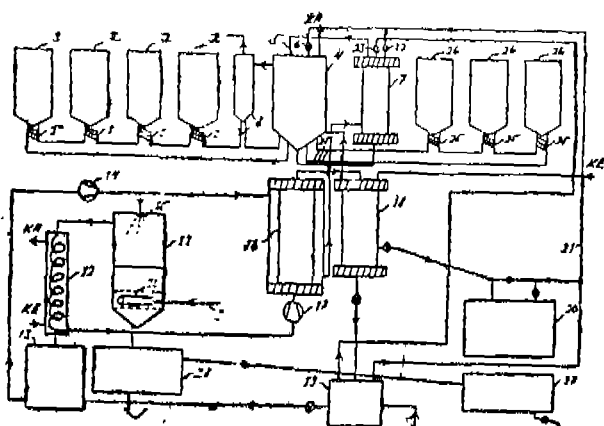
in a first step said mixture of materials is heated to a temperature between 350°C and 1050°C and is reacted with a mixture, containing water vapor, and at least one combustible gas, oxygen and carbon dioxide, during such a long time until the organic portion in the used mixture of materials is degraded to a value below 100 ppm, corresponding to 100 gram of organic portion per 1000 kg of mixture of materials, whereby a solid inorganic product mixture as well as a gas mixture are produced;

in a second step said produced gas mixture is cleaved at a temperature between 950°C and 1050°C during at least one second into low-molecular compounds and/or elements;

in a third step the obtained low-molecular compounds and/or elements are introduced into water at a temperature from 200°C to 800°C in order to separate the produced mixture of carbon monoxide and hydrogen, abbreviated as synthesis gas and in order to retain the remaining low-molecular compounds and/or elements in the water, abbreviated as wash water;

in a fourth step the synthesis gas, mixed with water vapor, is transformed catalytically according to common processes into liquid hydrocarbons and/or alcohols and whereby the gaseous hydrocarbons and carbon dioxide, obtained as by-products, are added to the combustible gas needed in the first step;

and obtaining the solid inorganic product mixture, produced in the first step, the wash water, produced in the third step, and the hydrocarbons and/or alcohols, produced in the fourth step.



(Compl. specn. 22 pages.

Drngs. 2 sheets)

Cl. 35 A C

173253

Int. Cl.⁴ D 01 F 1/02

"AN IMPROVED PROCESS FOR FLASH-SPINNING POLYMERIC PLEXIFILAMENTARY FILM FIBRIL STRANDS".

Applicant : E.I. DUPOINT DE NEMOURS AND COMPANY OF WILMINGTON DELAWARE, UNITED STATES OF AMERICA.

Inventors : DON MAYO COATES GARY STEPHEN HUARD AND HYUNKOOK SHIN.

Application No. 713/Cal/89; filed on 31st August, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

An improved process for flash-spinning polymeric plexifilamentary film-fibril strands, wherein a spin mixture is formed comprising methylene chloride, fibre-forming polyolefin and carbon dioxide which is then flash-spun at a pressure that is greater than the autogenous pressure of the spin mixture into a region of substantially lower temperature and pressure, the improvement for producing substantially dry strands comprising, in combination, the carbon dioxide amounting to 9 to 25 per cent by weight of the spin mixture, the polyolefin amounting to 18 to 33 per cent by weight of the spin mixture and the methylene chloride amounting to 42 to 73 per cent by weight of the spin mixture, the mixing of the polyolefin and the flash-spinning being performed at a temperature in the range of 130°C to 220°C.

(Compl. Specn. 14 pages;

Drngs. Nil)

Cl. 39 Q

173254

Int. Cl. B 01 D 11/02

B 01 J 31/06

E 21 B 37/00

"PROCESS FOR PREPARING SULFUR SOLVENT COMPOSITIONS".

Applicant : ELF ATOCHEM NORTH AMERICA, INC., OF THREE PARKWAY PHILADELPHIA, PENNSYLVANIA 19102, UNITED STATES OF AMERICA.

Inventors : GLENN THOMAS CARROLL.
MICHAEL JEFFREY LINDSTROM.

Application No. 742/Cal/89; filed on 8th September 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process for preparing a liquid sulfur-solvent composition containing a major proportion of a sulfide or mixture of sulfide having the formula $RSSR^1$ where R and R^1 are independently alkyl, alkaryl, alkoxyalkyl or hydroxy-alkyl radicals having from 1 to 24 carbon atoms in the alkyl moieties phenyl or C_1-C_{20} alkyl substituted phenyl and the value of n is 0 to 3, and a catalyst which is polyalkylene-oxyamine of polyalkylene oxypolyamine, said process comprising treating said composition either before, during or after the addition of said catalyst to said composition, with a primary or secondary amine which is and alkylamine or alkanolamine of mixture thereof having alkyl moieties of from 1 to 20 carbon atoms, in an effective amount and for an effective period of time to inhibit the deleterious effects of impurities in said composition.

(Compl. Specn 15 pages,

Drngs. Nil)

Cl. 69 I

173255

Int. Cl.-H 01 H 33 '66

"VACUUM SWITCH TUBE AND LOAD BREAK SWITCH HAVING SAID TUBE".

Applicant : SIEMENS AKTIENGESellschaft, OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY.

Inventors : HANS BETTGE, PETER KRUGER, MICHAEL ROESE.

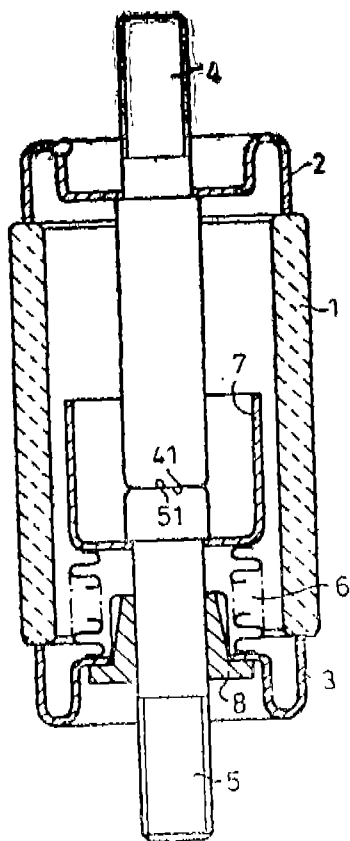
Application No. 792/Cal/89; filed on 27th September, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A vacuum switch tube especially suitable for use in load-breaking switches; comprising an insulating tube-shaped container with two conductive end caps and two coaxially opposing contact pins with end contact surfaces, in which one of the contact pins is fixed to one of the end caps and the other contact pin is movably mounted to the other end caps via a bellows to give a vacuum tight seal, characterized in that the

ends of the contact pins form the contact surfaces of the vacuum switch tube and the contact pins are made to chrome nickel steel.



(Compl. Specn. 8 pages;

Drgns. 1 sheet)

Cl. 32 F,

173256

Int. Cl. C 07 C 17/00, 19/08

"IMPROVED PROCESS FOR THE PREPARATION OF 1, 1, 1, 2-TETRAFLUOROETHANE".

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventors : LEO ERNEST MANZER
VELLIYUR NOTT MALLIKARJUNA RAO.

Application No. 882/Cal/89; filed on 24th October 1989, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

An improved process for preparing 1, 1, 1, 2-tetrafluoroethane which includes the steps of

(a) reacting at least one two-carbon compound selected from the group consisting of compounds having the formula $C_2Cl_{4-x}Z_x$ and compounds having the formula $C_2Cl_{6-y}Z_y$ wherein $x=0$ to 4, $y=0$ to 6, and Z is at least one of hydrogen or fluorine and wherein the total number of fluorine atoms in the compound is ≤ 3 , in the gaseous phase with chlorine in at least the stoichiometric amount needed to convert each of said two carbon compounds to $C_2Cl_2F_4$, and with HF , to produce a mixture comprising 1, 1, 1, 2-tetrafluorodichloroethane, 1, 1, 2, 2-tetrafluorodichloroethane and pentafluorochloroethane; and

(b) contacting the mixture produced in (a) in the gaseous phase with H_2 at a temperature $100^\circ C$ to $350^\circ C$, in the presence of hydrogenolysis catalyst to produce a gaseous mixture comprising 1, 1, 1, 2-tetrafluoroethane (FC-134a), unreacted 1, 1, 2, 2-tetrafluorodichloroethane (FC-114) and 1, 1, 1, 2-tetrafluorodichloroethane (FC-114a), 1, 1, 1, 2-tetrafluorochloroethane (FC-124), 1, 1, 1-trifluoroethane (FC-143a) and unreacted pentafluorochloroethane (FC-115), an improvement comprising :

(i) in step (a) reacting at least said one two-carbon compound with HF in excess of the stoichiometric amount needed to fluorinate each of said two-carbon compounds to $C_2Cl_2F_4$ for a time sufficient to produce a product comprising 1, 1, 1, 2-tetrafluorodichloroethane and 1, 1, 2, 2-tetrafluorodichloroethane, said reaction being conducted at a temperature of from $300^\circ C$ to $450^\circ C$ and in the presence of at least one catalyst selected from fluorinated alumina and AlF_3 which are suitable for both the isomerization of 1, 1, 2, 2-tetrafluorodichloroethane to 1, 1, 1, 2-tetrafluorodichloroethane and the formation of pentafluorochloroethane by disproportionation of $C_2Cl_2F_4$; and wherein utilizing as said excess HF an effective amount of HF , at least 0.5 mole in excess of said stoichiometric amount needed to fluorinate the two-carbon compounds to $C_2Cl_2F_4$ to inhibit said disproportionation optionally comprising the step of

(ii) separating 1, 1, 1, 2-tetrafluoroethane from gaseous mixture produced in step (b) and then recycling 1, 1, 1, 2-tetrafluorochloroethane and 1, 1, 1, trifluoroethane as well as 1, 1, 2, 2-tetrafluorodichloroethane, from the gaseous mixture produced in step (b) to step (a).

(Compl. Specn. 19 pages;

Drgns. Nil)

Cl. 127 I

173257

Int. Cl. F 16 H 25/22

"REVERSIBLE BALL SCREW AND RACER NUT ASSEMBLY".

Applicant : KINGSLEY CORPORATION (P) LTD., OF 7, CHITTARANJAN AVENUE, CALCUTTA-700 072, INDIA.

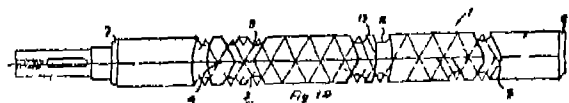
Inventors : MR. KISHAN KHAITAN, MR. BASANT KHAITAN.

Application No. : 295/Cal/90, on 9th April 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A reversible ball screw and racer nut assembly, the reversible ball screw comprising threads disposed at an angle with respect to the axis of rotation of the reversible ball screw, characterised in that the threads starting at one end of the reversible ball screw extends spirally along the length of the reversible ball screw, extends spirally along with flat portions in between, along the length of the reversible ball screw in both directions and terminating, at one point of the other end of the reversible ball screw, and that the racer nut at least comprises, two pockets being in form of holes in that face of the racer nut which moves in contact with the ball screw, said leading pocket being an elliptical hole in which a spherical ball is adapted and the lagging pocket is a circular hole in which a spherical ball is adapted.



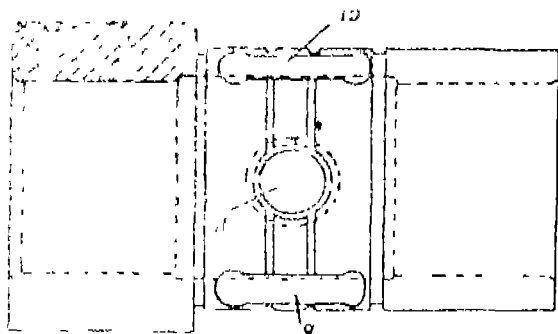


Fig. 3

(Compl. Specn. 10 pages;

Drgns. Nil)

Cl. 157 A₁ A₂

173258

Int. Cl. E 01 B 26/00

"TRAVELLING TRACK TAMPING MACHINE, COMPRISING TAMPING UNIT DESIGNED FOR TRANSVERSE AND VERTICAL DISPLACEMENT".

Applicant : FRANZ PLASSER BABNHAUMASCHINEN INDUSTRIEGESELLSCHAFT m.b.H., OF A-1010 WIEN, JOHANNESGASSE 3, AUSTRIA.

Inventor : ING. JOSEF THEURER.

Application No. : 327/Cal/90; filed on 20th April, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims

A travelling track tamping machine comprising a machine frame supported by undercarriages and a tool frame mounted to pivot laterally parallel to the plane of the track about a vertical axis and further comprising tamping unit which are arranged adjacent one another transversely of the track, being designed for transverse and vertical displacement independently of one another under the power of drives, and which comprise pairs of tamping tools designed to be squeezed and vibrated by drives and incorporating tamping tines designed to penetrate into the ballast, characterise in that two tool frames (21, 22) designed to pivot laterally about a vertical axis (19, 20) independently of one another under the power of their own drives (17, 18) are provided on the machine frame (2) for the independent transverse displacement and mounting of two tamping units (15, 16) provided with their own vertical displacement drives (48, 49).

Fig. 1

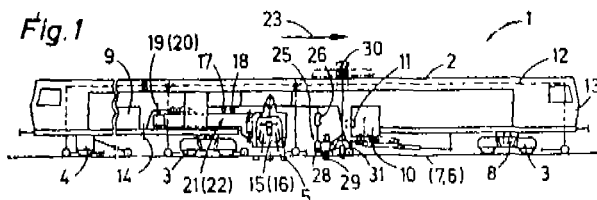
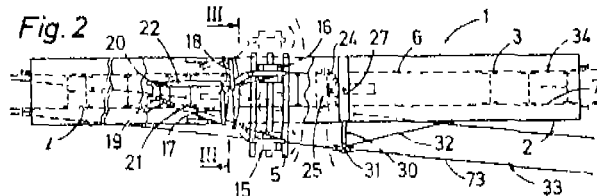


Fig. 2



(Compl. Specn. 46 pages;

Drgns. : 4 sheets)

Cl. 35 E, & 32 F,

173259

Int. Cl. C 07 C 63/08

"PROCESS FOR THE PREPARATION OF 2, 3, 4, 5-TETRAFLUOROBENZOIC ACID".

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

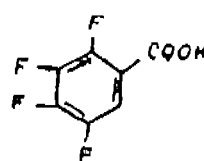
Inventors : THEODOR PAPENFUHS, RALF PFIRMANN.

Application No. 227/Cal/92; filed on 6th April, 1992.

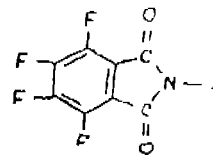
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

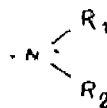
A process for the preparation of 2, 3, 4, 5-tetrafluorobenzoic acid of the formula (1) of the accompanying drawings which comprises heating N' substituted N-aminotetrafluorophthalimides of the formula (2) in which X is the radical of formula (3) where R₁, R₂ are hydrogen atom, an alkyl-(C₁-C₁₀)-group, aryl group, alkyl-(C₁-C₆) of group of aryl-co-group, it being possible for the aryl-co group in the case of R₁ and R₂ to be substituted on the aromatic ring by fluorine and/or chlorine atoms and/or alkyl-(C₁-C₁)-groups or R₁ and R₂ together are a phthaloyl radical which can be substituted on the aromatic ring by 4 chlorine atoms or 4 fluorine atoms preferably the radical of formula (4) or in which X is the radical of formula 5 which can be substituted on the aromatic ring by fluorine and or chlorine atoms and/or alkyl-(C₁-C₁)-groups, in an aqueous medium at pH values of between -1 to +1 at temperatures of from 160 to 220°C.



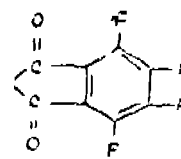
FORMULA (1)



FORMULA (2)



FORMULA (3)



FORMULA (4)

(Compl. Specn. 11 pages;

Drgns. 1 sheet)

Cl. 55 E4

173260

Int. Cl. A 61 K 31/615, 31/715, 31/72

"METHOD FOR PREPARING A STABILIZED SOLID COMPOSITION".

Applicant : EUROCELTIQUE, S. A., OF 122 BOULEVARD DE LA PETRUSEE, LUXEMBOURG, UNITED STATES OF AMERICA.

Inventors : BENJAMIN OSHLACK, FRANK PEDI, Jr., JOSEPH ZIRLIS.

Application No. 351/Cal/92; filed on 25th May, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A method for preparing a stabilized solid composition comprising adding to choline salicylate a stabilizing amount of the salicylate of at least physiologically compatible metal having a valence of at least 2, a carboxy lower alkyl cellulose, characterised by incorporating from 2.5—25% by weight of microcrystalline cellulose.

(Compln. Specn. 25 pages;

Drgns. : Nil)

Cl. 98 G

173261

Int. Cl. F 28 D 21/00, F 28 F 1/28.

"PLATE FINS AND A FINNED TUBE HEAT EXCHANGER HAVING SAID FINS"

Applicant: Carrier Corporation, of Delaware, residing at carrier parkway, p. o. Box 4800, Syracuse, New York 13221, United States of America.

Inventors: (1) Paul Henry Ballentine, (2) Alan Frederic Haught, (3) Donald Henry Polk, (4) Jack Leon Esformes, (5) Eric Jay Nash.

Application No. 8/Cal/89; filed on 2nd January, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

5 claims

A plate fin including opposite facing first and second wall means having first and second surfaces respectively for transferring heat between the wall means and a fluid flowing over the surfaces comprising:

a convoluted heat transfer means for enhancing the exchange of heat between the fluid flowing over the surfaces and the wall means, said convoluted heat transfer means having a sine-like wave pattern of predetermined height along the first and second surfaces in a direction with the flow of the fluid flowing over the surfaces, said sine like wave pattern having curved peaks at a maximum of said wave heights of the pattern and curved troughs at a minimum of said wave heights of the pattern whereby said peaks and troughs extend along said convoluted heat transfer means generally transverse to the direction of flow of fluid flowing over the surfaces; and

and enhanced heat transfer section disposed generally along said peaks and troughs, said enhanced heat transfer section having apertures therethrough whereby generally at said curved peaks the fluid flowing over the surfaces flows through said apertures in a direction from the first surface to the second surface and whereby at generally said curved troughs the fluid flowing over the surfaces flow through said aper-

tures in a direction from said the second surface to the first surface.

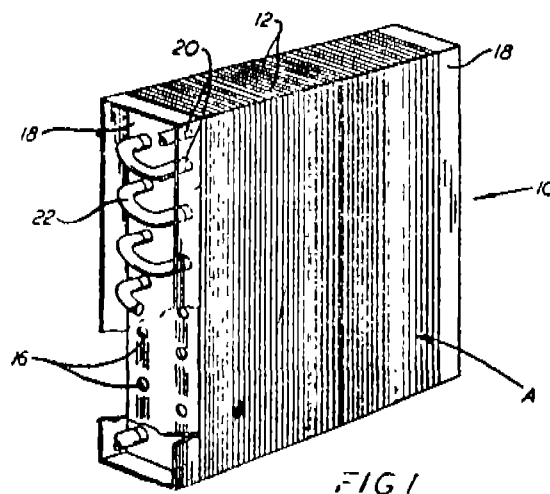


FIG. 1

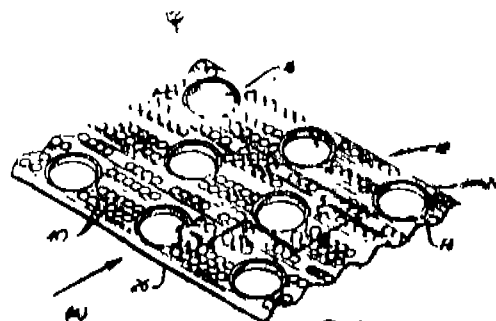


FIG. 3

Compl. specn. 11 pages

Drgns 2 sheets.

Cl. 172 C1

173262

Int. Cl. D 01 G 15/00.

"AN APPARATUS IN A TEXTILE MACHINE"

Applicant: Fluttschler GMBH & Co. KG, of Duvonstr. 82, 92, D-4050 Monchengladbach 3, West Germany.

Inventors: Herr Hans-Juergen Marx.

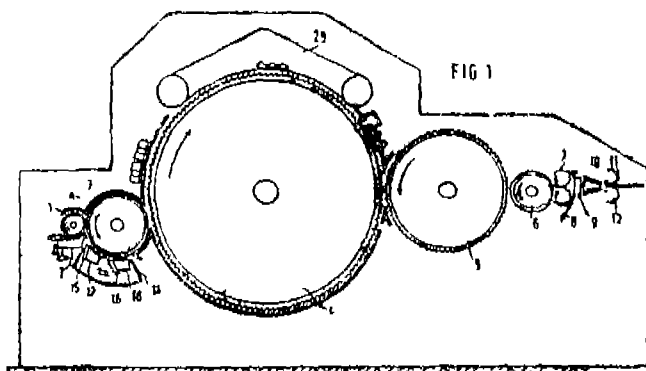
Application No. 506/Cal/89, filed on 29th June, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

9 Claims

An apparatus in a textile machine for variably selecting the distance between the separating blade and an element arranged in the vicinity of the periphery of the roller having atleast one separating blade for impurities that is associated with a clothed roller, and atleast one clothed fixed carding element characterized in that the separating blade and the fixed carding elements are arranged on a common support which is displaceable concentrically with the periphery of the roller

and that the distance between the separating blade and an element arranged in the vicinity of the periphery of the roller is variable.



Compl. specn. 8 pages

Drgns. 2 sheets.

Cl. 67 A.

173263.

Int. Cl.⁴ H 01 H 75.00.

"A CIRCUIT BREAKER"

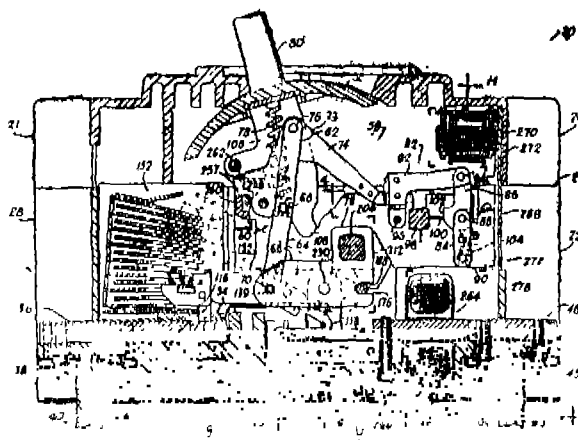
Applicant: WESTINGHOUSE ELECTRIC CORPORATION, of Westinghouse Building, Gateway Center, Pittsburgh, Pennsylvania 15222, United States of America.
Inventors: (1) Gregg Joseph Nissly, (2) Alan Burke Shimp, (3) Lance Gula.

Application No. 541/Cal/89 filed on 11th July, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

3 claims

A circuit breaker comprising a housing having a base partially open on one side defining an open end and a cover, one or more pairs of separable contacts carried by said housing, an operating mechanism operatively coupled to said contacts for actuating said pairs of separable contacts, an electronic trip unit mechanically coupled to said operating mechanism for actuating said operating mechanism characterized in that there are provided one or more main current transformers electrically coupled to said electronic trip unit for sensing the current flowing through the circuit breaker, optionally with at least an auxiliary current transformer electrically coupled to one of said main current transformers and said electronic trip unit and a board having a barrier which closes said open end to prevent contact with components inside of said circuit breaker, a printed circuit board having electrical circuitry disposed thereon, for electrical connections between said one or more main current transformers and the electronic trip unit.



Compl. specn. 27 pages

Drgns. 7 sheets

Cl. 64B.

173264

Int. Cl. H 01 R, 33/00.

"MULTIPURPOSE SAFETY RECEPTACLE"

Applicant & Inventor : Chiu-shen Lee, of 133-2, Lane 163, San Ho Road, Section 4, San Chung City, Taipei Hsien, Taiwan, Republic of China.

Application No. 627/Cal/89 filed on 2nd Aug, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

12 claims

A multipurpose electrical safety receptacle comprising :

a cover having at least one of a pair of generally L-shaped pin holes disposed on opposed sides of an axis, an oval hole along the axis, with or without central round portion and with or without a square portion at each end, a round hole on the axis, and a pair of openings symmetrically spaced at opposed sides of the axis, each opening comprising an elongate portion with or without a round portion and with or without a square portion, or a slot inclined to the axis, a division plate having two laterally spaced guide rails and slots, a notch and a central round hole,

a block having two receiving troughs spaced on opposite sides of a ground connection trough, and a plurality of retaining holes around the periphery,

Two conductive frames set in respective receiving troughs of the block, and each comprising a spring leaf, a receiving plate, a U-shaped conducting plate, and U-shaped frame, and

a ground connection frame for engagement by ground connection pins of different sizes, whereby when a plug which has L-pins is connected to the receptacle the L-pins contact the guide rails of the division plate and vove further to contact the spring leaves of the conductive frames to effect electrical connection, when a plug which has flat plug pins is connected to the receptacle the flat plug pins are inserted between the receiving plates and the U-shaped conducting plates to effect electrical connection with the receiving plates and said U-shaped conductive plates, and when a plug which has two round plug pins or square plug pins is connected to the receptacle the plug pins engage the U-shaped conducting plates to effect electrical connection.

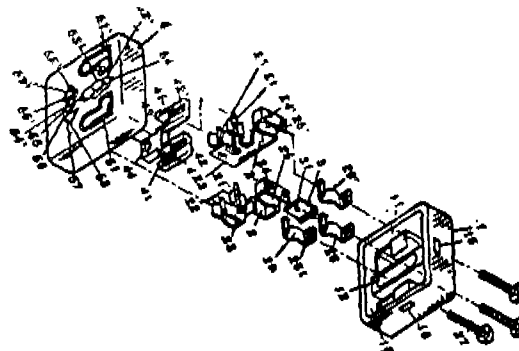


Fig. 1

Compl. specn. 24 pages

Drgns. 12 sheets.

Cl. 5-D

173265.

Int. Cl.⁴ A 01 B 1/16.

"PORTABLE TRIPOD WINCH"

Applicant : MACNEILL & MAGOR LIMITED, 4, Mangoe Lane, Calcutta 700001, India.

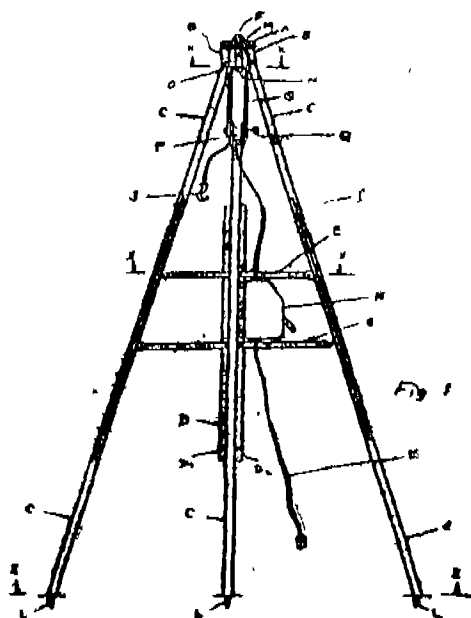
Inventor : Mr. Nirmal Singh Shankhla

Application No. 781/Cal/89 filed on 22nd September, 1989

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

12 claims.

A device for uprooting of plants or shrubs comprising a plurality of equispaced legs removably held at their respective top ends to a plate, such that the said legs can be spread apart or brought closer together, there being provided at least one bracing member between two adjacent legs to hold them in the spread out condition, a bracket member being loosely held in a suspended manner to the said plate and wherein a winch is held to the said loosely held bracket characterised in that at least a part of each leg is provided with reinforcing member, said reinforcing of the leg being achieved by means of welding flat strips along part of the length of the leg



Compl. specn. 14 pages.

Drngs. 1 sheet.

Cl. 5-D

173266

Int. Cl. A 01 B 1/16.

"PORTABLE TRIPOD WINCH"

Applicant : MACNEILL & MAGOR LIMITED, 4 Mangoe Lane, Calcutta 700001 India.

Inventor : Mr. Nirmal Singh Shankhla

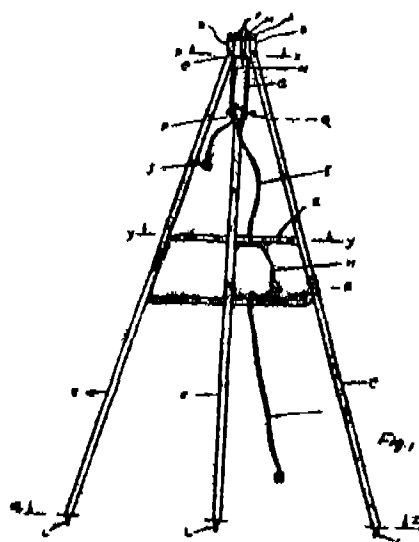
Application No. 782/Cal/89 filed on 22nd September, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

8 Claims

A device for uprooting of plants or shrubs comprising a plurality of equispaced legs removably held at their respective top ends to a plate, such that the said legs can be spread apart or brought closer together, there being provided at least one bracing member between two adjacent legs to hold them in the spread out condition, a bracket member being loosely

held in a suspended manner to the said plate and wherein a winch is held to the said loosely held bracket.



Compl. specn 8 pages

Drng 1 sheet.

Cl. 86 C: 128 G

173267

Int. cl. A 61 H 3/00

"A ROTARY TABLE"

Applicant : SCHMIDT & LENHARDT GMBH & CO., OHG of Wittumweg 38, D-7879 Fischenharz, West Germany.

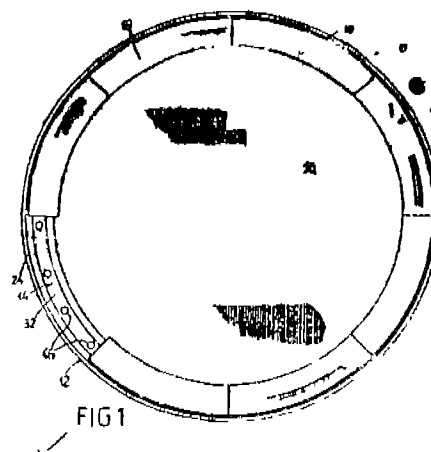
Inventors : Peter Schmidt.

Application No. 848/Cal/89 filed on 13th October, 1989

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta

10 claims

A rotary table to be used as a seat for a handicapped person consisting of a bottom plate and a cover plate, the latter having a circular peripheral edge and being parallel arranged with and mounted for rotation on said bottom plate, characterized in that a soft, flexible circular mat is centrally arranged on the cover plate, and a circular fastening ring extending around the peripheral edge of the cover plate is movably fastened thereon, the fastening ring overlapping a peripheral edge of the mat and clamping said peripheral edge of the mat against the coverplate.





Compl. specn. 11 pages

Drgns. 2 sheets

Cl. 167 A

173268

Int. Cl. B 01 D 36/04

"IMPINGEMENT TYPE SOLIDS COLLECTOR DISCHARGE RESTRICTOR".

Applicant : The BABCOCK & WILCOX COMPANY, of P.O. Box 60035, 1010 Common Street, New Orleans, Louisiana 70160, U.S.A.

Inventor : Felix Bein and David Judson Walker.

Application No. 869/Cal/89 filed on 19th October, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 claims

Impingement type solids collector discharge restrictor comprising :

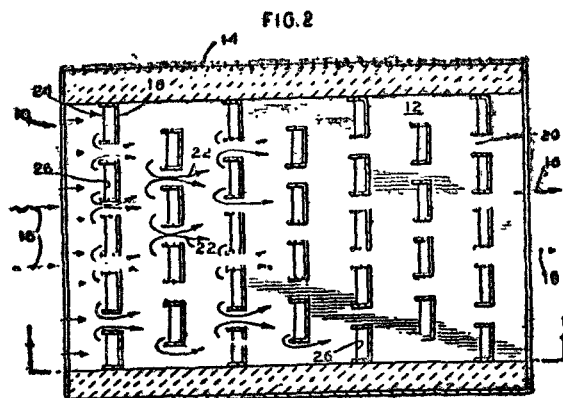
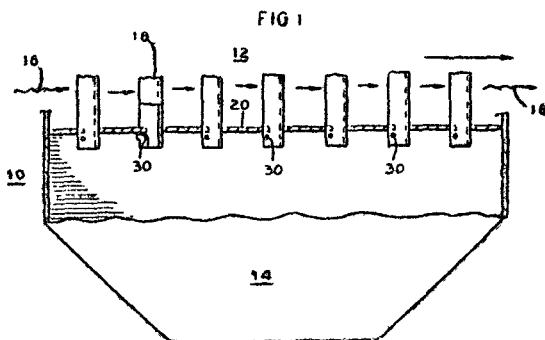
(a) a rod pivotally secured to the lower end region of a generally vertically supported impingement member, said rod extending between spaced supports forming a part of said impingement member;

(b) a pivotable baffle plate secured to said rod and sized to effectively block a preselected area immediately adjacent said impingement member;

(c) pivoting means for alternately pivoting said baffle plate between select closed and open positions thereby alternately blocking and unblocking said preselected area;

(d) stopping means secured to said baffle plate for selectively stopping the rotation of said baffle plate; and

(e) bias means secured to said baffle plate for normally biasing said baffle plate in the said closed position whereby said preselected area immediately adjacent said impingement member is essentially blocked by said baffle plate.



Compl. specn. 10 pages

Drgns. 3 sheets

Cl. 118 B₆

173269

Int. Cl. B 60 L 15/00

"AN ARRANGEMENT FOR PREVENTING INDUCTIVE INTERFERENCE IN ELECTRIC CAR"

Applicant : HITACHI LTD. of 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan.

Inventors : (1) Yoshiji Jimbo, (2) Tsutomu Ozawa.

Application No. 978/Cal/89 filed on 27th November, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

An arrangement for preventing inductive interference in an electric car having power receiving means for receiving DC power from a feder line connected to a DC power supply, an inverter connected between said power receiving means and a ground side terminal connected to a rail via a wheel for converting the DC power fed from said power supply into AC power, and a motor driven by the output of said inverter, said arrangement being adapted to prevent a high-frequency signal current from being affected by inductive interference due to switching currents of said inverter flowing from switching elements of said inverter to a return line by way of a capacitance between frame and stator winding of said motor, characterized in that :

a first electrical circuit is provided to extend from said frame of said motor to said ground side terminal without passing through the rail (40); and

a second electrical circuit is provided to extend from said frame of said motor to said ground side terminal by way of wheels of said electric car and said rail;

circuit means is provided for making an impedance of said first electrical circuit smaller than that of said second electrical circuit, and

said circuit means comprises an electrical conductor connecting said motor frame to said ground side terminal, such that said electrical conductor is insulated from a car body except that it is connected to said car body by way of said return line extending from said ground side terminal and has an impedance which is sufficiently smaller than that of said second electrical circuit to prevent the signal current from being affected by the inductive interference due to said switching currents.

Fig. 1

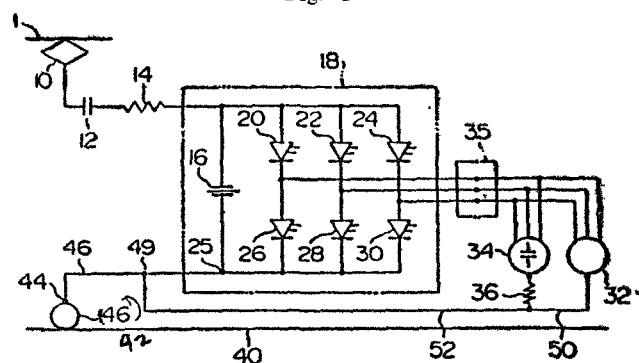
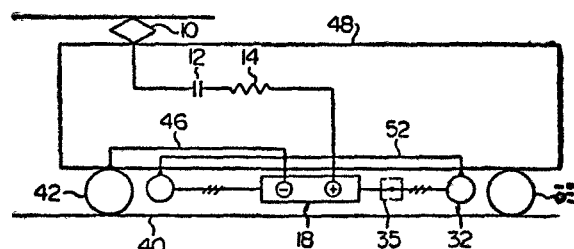


FIG. 2



Compl. specn. 14 pages

Drgns. 7 sheets

Cl. 64 B1

173270

PATENT SEALED ON 18-02-94

Int. Cl. H 02 G 15/00

"METHOD OF FORMING A CABLE JOINT BETWEEN MULTI-CORE CABLES AND AN ELONGATED CORE SEPARATOR THEREFOR".

Applicant : BOWTHORPE-HELLERMANN LIMITED, of Crawley, West Sussex RH10 2RZ, England.

Inventor : (1) Gregory Nigel James (2) Issac Paul Robert.

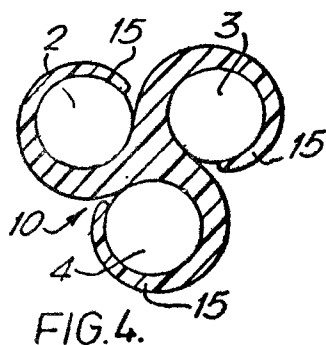
Application No. 1011/Cal/89 filed on 7th December, 1989.

(Convention No. 88287842 dated 9-12-88 in United Kingdom)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

2 Claims

A method of forming a cable joint between multi-core cables, comprising inserting an elongate separator (10) between the jointed cores, (2, 3, 4) and applying an outer heat-shrink sleeve, characterized in that the said elongate separator, so provided, has deformable arms (15) which project outwards between adjacent cores, when inserted between the jointed cores and that said arms of the separator are of thermoplastics material whereby the said deformable arms are deformed to wrap them around the cores prior to applying the said outer heat-shrink sleeve, and on applying heat to effect recovery of the outer heat-shrink sleeve, the deformed arms are caused to melt and flow to encapsulate the joint.



Compl. specn. pages.

Drngn. 1 sheet

REGISTRATION OF ASSIGNMENTS LICENCES ETC.
(PATENTS)

Assignments, licences or other transaction affecting the interest of the original patentee have been registered in the following cases.

152739—THOMCAST AG.

163822 169761 169856 169857* 169861 169865* 169866*F
169868 169869 169870 169947* 169991 169992 169993
169994 169995 169996 169997* 169998 169999* 170000*
170008 170021 170022 170023* 170024 170025 170026
170027 170028* 170029 170082 170084* 170088 170089*
170098 170101* 170228 170716* 170729 170855* 171271*
171802 171913.

Cal-14, Mas-22, Bom-00 & Del-08.

* Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" under Section 87 of the Patent Act, 1970 from the date of expiration of three years from the date of Sealing.

D—Drug Patent, F—Food Patent

RENEWAL FEES PAID

151658 153215 153617 153848 153897 154041 154064 155485
155750 155794 155863 156083 156154 156541 156542 156780
156917 156928 157162 157434 157448 157704 158307 158362
158369 158470 158592 158975 158976 159044 159536 159625
159626 159907 160149 160404 160668 160741 160844 161054
161056 161066 161078 161411 161452 161455 161497 161498
161612 161644 161719 161980 162158 162298 162652 162668
163054 163288 163359 163387 163593 163713 163807 163810
163832 163861 164412 164413 164415 164574 164581 164816
164980 165155 165156 165157 165158 165322 165323 165470
165505 165525 165763 165580 165824 166096 166143 166254
166312 166478 166654 166776 166844 166861 167164 167210
167484 167582 167585 167663 167664 167932 167958 168022
168086 168515 168652 168704 168915 169050 169126 169436
169458 169491 169544 169754 170106 170163 170844 170845
170846 170847 171096 171617 171618 171747.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 168312 dated the 22nd November, 1985 made by Voest-Alpine Aktiengesellschaft & others on the and notified in the Gazette of India, Part III, Section 2 dated the 8th August, 1993 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 169733 dated the 07th July, 1989 made by Gobind Sanwaria on the 29th July, 1993 and notified in the Gazette of India, Part III, Section 2 dated the 23rd October, 1993 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration included in the entries :

Class 3 No. 165475. Narayan Deshabandhu Sharan, Indian of 81, 3rd Main Road, Rajajinagar, Industrial Town, Bangalore-560044, Karnataka, India. Body Scrubber". March 29, 1993.

- Class 3. No. 164824. Raja Slate Pvt. Ltd., Indian Co. of Lati Bazar, Near Das Dela, Bhavnagar-364001, Gujarat, India. "Slate". September 28, 1992.
- Class 3. No. 165479. Motorola, Inc. of 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA. "Pager". March 30, 1993.
- Class 3. No. 165565. Colgate-Palmolive Company of 300 Park Avenue, New York 10022, U.S.A. "Toothbrush". April 20, 1993.
- Class 3. No. 165544. Lotus Polymers Pvt. Ltd., Indian Company of 67, Hem Villa (2nd floor), above Maharashtra State Co-op Bank Near Railway Stn., Goregaon (W), Bombay-400062, Maharashtra, India. "Cable joint protection shell". April 20, 1993.
- Class 3. No. 164997. Milton Plastics Ltd. of 58D, Government Industrial Estate, Charkop, Kandivli (West), Bombay-400067, Maharashtra, India. "Feeding bottle". November 17, 1992.
- Class No. 165578. Creations, Indian Proprietary Firm of Krishna Bhuwan, 4th floor, 146, Dr. Viegas Street, Bombay-400002, Maharashtra, India. "Name Plate". April 23, 1993.
- Class 3. No. 165621. International Business Machines Corporation of Armonk, New York 10504, USA. "Interlocking computer system". May 10, 1993.
- Class 3. No. 166437. MRF Limited, 124, Greaves Road, Madras-600006, T.N., India, Indian Company. "Precured rubber tread". October 28, 1993.
- Class 3. No. 165660. Milton Plastics Limited of 58D, Govt. Industrial Estate, Charkop, Kandivli (W), Bombay-400067, Maharashtra, India. "Double Jug". May 27, 1993.
- Class 3. No. 165693. Jaycare Limited, British Company of 14, Alder Road, West Chirton North Industrial Estate, North Shields, Type & Wear NE 29 8SD England. "Container". June 1, 1993.

R. A. ACHARYA
Controller General of Patents Designs and
Trade Marks.

प्रबन्धक भारत सरकार मुख्यालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1994

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